

MINUTES OF THE FEBRUARY 2, 2022 BUSINESS MEETING OF THE ECIA ROAD COMMITTEE

1. Time and place. The February meeting of the ECIA Road Committee (RC) was held on February 2, 2022 via Zoom, and was called to order at 5:32 pm by the Chair of the Road Committee, James A. Mason, P.E., Ph.D. The Agenda was available on the ECIA website and was shared onscreen.
2. Introductions, Quorum, Attendees, Agenda. Two of the three RC members, James A. Mason and Amelia Adair, were present, so a quorum was achieved. Art Kaiser had an excused absence. Also present was ECIA Office Assistant Ciara Walsh and Board Liaison Carol Sanguinetti. Guests present included Eldorado residents Matthew and Carol Lonergan, 20 Cato Rd., and Paul Fink and Andra Nyman on Redondo Ct. Dr. Mason presided as chair of the meeting and Ms. Adair served as secretary. The agenda was adopted as presented. The meeting was recorded.
3. Minutes. The January Meeting Minutes were approved.
4. Chair Comments. Dr. Mason welcomed our guests. Matthew Lonergan explained he is working on the ARC GIS Task Force with Jonathan Turkle. He is waiting for a guest login from the County.
- Likewise Dr. Mason has been having a difficult time getting documents from Santa Fe County. According to Ivan Trujillo, head engineer for Santa Fe County Roads, they could really use our help, and the ARC GIS project is part of that initiative.
5. ECIA Board RC Liaison Report: Ms. Sanguinetti reported that the communications director has resigned due to not being able to do the job remotely. Eventually there will be a members only login for the website; it is not in place yet. Next week there is a town hall on fire hazards. Annual committee reports are due February 18.
6. Transportation Advisory Council Update. No new updates.
7. Old Business/Open Action Items
 - 7.1 FOLLOWUP ON COMMENTS FROM RESIDENTS ON ENCANTADO ROAD ABOUT CONDITION OF BRIDGE ON AVENIDA DE COMPADRES (Inspection by JAM and AK).

Three years ago Encantado Road was the top of our matrix of priority road projects. At that time the County estimated that it would cost a couple million dollars, so other projects were completed first because the County didn't have enough money for that project. But after the Cerrado Road paving project, we learned that when the County does paving projects in-house it costs them only about one 10th of the amount it would cost to bid it out on the open market. Therefore, the County now has the money from the approved bond issue from last year, and this is top of their – and our – priority list.

After the January meeting, Dr. Mason and Mr. Kaiser went to inspect the box culvert bridge on Avenida de Compadres near Encantado which was reported as having a problem. Dr. Mason showed pictures and slides documenting the problems with this bridge, including a settling asphalt patch. People either hit the “pothole” in front of the bridge, or they veer into the opposite lane to avoid it. Water is puddling on top of this, seeping down into the structure, causing efflorescence on the concrete, on both longitudinal and transverse cracks and rust in the rebar.

Dr. Mason will provide this report to the County, and ask them to do the maintenance necessary to preserve the box culvert, and redo the approaches to improve the compaction and avoid future deterioration. He'll highlight these key areas for priority use of the funds to prevent public safety problems.

As of today, the State's legislative website shows that the County has requested the following Capital Outlay Projects from the Legislature for Eldorado:

- Eldorado County Crosswalk - \$60,000
- Avenida Azul hike/bike trail construction - \$300,000
- Eldorado Roads construct road improvements (two items) - \$400,000 and \$480,000

- Eldorado Area WSD Workshop and Garage Construction \$500,000

ACTION ITEM: RC members to note the locations of box culverts and report to Dr. Mason. He'll check other box culverts for water pooling, compaction, efflorescence and armoring, and provide photo documentation for the County, and alert them to the public safety problem. He'll route it to the Board for official notification to the County.

ACTION ITEM: Dr. Mason to send a letter to the people who came to the January meeting to give them feedback about what was done in response to their comments.

7.2 BLADING OF DOMINGO ROAD. Dr. Mason discussed washboarding with Mr. Trujillo of SFCPW again last month. The County has graded several dirt roads recently when there was moisture on them. However the ditches are filled. If you can keep a road drained it performs 100% better. Getting them properly crowned, proper ditches, open culverts, will result in safer driving conditions and lower maintenance costs overall. This should also reduce the washboarding.

7.3 THE USE OF BIOSWALES FOR CONTROL OF STORM RUNOFF IN ROADSIDE DITCHES. ArcGIS for analyses. Contact Conservation Committee about coordinated effort – ask Matthew Lonergan for his follow-up.

Where is the County putting the water? Key is that the County has to have a place to drain the water off the roads. Dr. Mason showed Google Earth images of Cerrado Loop project. Once the water is properly channeled, it's a lot of water. RC requests the County consider use of bioswales to reduce the velocity of water, reduce erosion and reduce damage to yards and structures.

County has the right to put water onto the drainage easement on every property. Dr. Mason recommends installing wetlands in the greenbelt, and encouraging the County to put the water there to avoid putting it on private property.

What the RC is interested in having GIS for: to highlight where the problem areas are for the County's use. A RC responsibility is to inspect roads and report to the County. The RC is trying to identify and prioritize systemic issues for upgrades, and the GIS system will help identify the locations. Hopefully our priorities will be funded out of the monies requested.

ACTION ITEM: Ms. Adair and Dr. Mason will collaborate on an RC *Vistas* article for the March issue regarding the SFCPW participation at the March RC meeting, and the RC agenda, asking to understand the County's priorities for the current funding cycle.

8. Public Comment. The RC discussed the RC webpage, and discussed the need to refresh the content; maybe name and date the RC documents, since most of those documents are old.

9. Next Meeting: The RC meets on the first Wednesday of every month. Next meeting: March 2, 2022 via Zoom.

Adjournment. The meeting was adjourned at 7:00 pm.

By: Amelia Adair, Secretary

Date: February 3, 2022